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1	СВ	4862268	8/29/89	CAMP	BELL et al.		TC 2(	. 71	
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	CD	4924303	5/8/90	BRANI	OON et al.		AAI	J-IVH	•
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Kß		Martial et al., An Inter March 1988, pp. 293-2	ractive Planner fo 98.	or Open S	ystems, Proceedings of the 4	th Conference	e on Artificial	Intelligenc	e,
Kß		CM Gault, Turning Cold B	ox Into Interacti	ve TV, Cr	ain's New York Business, J	uly 15, 1991,	p. 17.		
XAMINE	R	D. Kuandi			DATE CONSIDERED	11/19/0	7		
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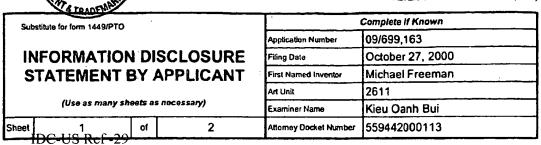
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*EXAMINER	100	DOCUMENT NUMBER	07/1952		NAME	CLASS	SUBCIASS	FILING DATE  IF APPROPRIATE
Kb	NA	5,133,079	-5/11/93	BALLA	NTYNE	<u> </u>		REC
	NB	RE 32,776	11/1/88	SAYLO	R		₹/	
	NC	RE 34,340	8/10/93	FREEM	IAN		TROOM	
	ND	3,763,377	10/9//3	WEST	ON		3	
	NE	4,884,974	12/5/89	DESMI	ET			
	NF	3,643,217	2/15/72	MORP	HEW et al.		X	
	NG	4,078,316	3/14/78	FREEM	IAN	1 /	1	
	NH	4,199,781	4/22/80	DOUM	XT .			
	М	4,399,329	8/16/33	WHAR	TON			
	NJ	4,665,431	5/12/87	СООРІ	ER	1/		
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Examiner Initiats*	Cite No.1	Document Number Number-Kind Code <sup>2</sup> (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lin Relevant Passages o Figures Appe	r Relevant
KB	1.	4,931,865	6/5/1990	SCARAMPI		
ı	2.	5,603,078	2/11/1997	HENDERSON ET AL.	İ	
	3.	5,758,257	5/26/1998	HERZ ET AL.		
	4.	5.771.307	6/23/1998	LU ET AL.	<u> </u>	
	5.	5,790,176	8/4/1998	CRAIG		
	6.	5,956,716	7/21/1999	KENNER ET AL.		
	7.	6,026,376	2/15/2000	KENNEY		
	8.	6,038,000	3/14/2000	HURST, JR.		
	9.	5,058,430	5/2/2000	KAPLAN		
	10.	6,064,438	5/16/2000	MILLER		
	11.	6,104,443	8/15/2000	ADCOCK ET AL.		
	12.	6,141,010	10/31/2000	HOYLE		t
	13.	6,177,931	1/23/2001	ALEXANDER ET AL.		
	14.	6,239,797	5-29-2001	HILLS ET AL.		
	15.	2001/0003823	6-14-2001	MIGHDOLL ET AL.		
	16.	0 2001/013123	8/9/2001	FREEMAN ET AL.		
	17.	2002/0032905	3/14/2002	SHERR ET AL		
	18.	2002/0053078	5/2/2002	HOLTZ ET AL.		
	19.	2002/0056091	5/9/2002	BALA ET AL.		
	20.	6,389,458	5-14-2002	SHUSTER		
	21.	6,487,721	11/26/2002	SADAFI	Ţ.,	
	22.	() 2002/294589	12/19/2002	SHEEHAN ET AL.	Cristofalo	et al.
	23.	6,509,908	1/21/2003	CROY ET AL.		
	24.	6,591,247	7/8/2003	STERN		
	25.	6,597,374	7/22/2003	BAKER ET AL.		
	26.	6,615,408	9/2/2003	KAISER ET AL.		
	27.	6,625,647	9-23-2003	BARRICK ET AL.		
	28.	6,698,020	2/24/2004	ZIGMOND ET AL.		
_ KB	29.	6,792,615	9/14/2004	ROWE ET AL.		

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	<u>UC-1</u>	for Ref -13 FORE	GN PATENT D	OCUMENTS		
Examirer Initials*	Cite No.'	Foreign Patent Document  Country Code* - Number* + Gnd Ccde* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۲
KB.	30.	CA-246,437	1/27/1925		abstract	r
	31.	WO-90-00847-A1	1/25/1950		abstract	
	32.	EP-0424648-A2	5/2/1991		abstract	Γ
7	33.	EP-0852443-A2	7/8/1998		abstract	Г
	34.	JP-10-222541	8/21/1998		abstract	Г
	35.	WO-98-45902-A1	10/15/1998		abstract	
	36.	WO-98-48566-A2	10/29/1998		abstract	
	37.	EP-0901284-A2	3/10/1999		abstract	
	38.	WO-99-55066-A1	10/28/1999		abstract	L
	39.	WO-00-045599-A2	8/3/2000		abstract	
	40.	WO-01-015357-A1	3/1/2001		abstract	
-1	41.	GB-2356319-A	5/16/2001		abstract	
L'b	42.	EP-1111914-A1	6/27/2001		abstract	

Examiner | Date | Considered | OC/27/05 | 72-96912